

Charles A. Wellner

Curriculum Vitae *

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Personal Data:

Birthdate and birthplace: January 3, 1911, Enid, Oklahoma

Married: Ethel Dorothy Wolf, June 10, 1939.

Education:

Graduated Twin Falls High School, June, 1928.

B.S. Forestry, University of Idaho, 1933.

M.S. Forestry, Yale University, 1938.

Employment: U.S. Forest Service: 1933 - 1973; U.S. Forest Service Volunteer, 1973 - 1991

- 1933-1936: Silviculturist, Northern Rocky Mountain Station, U.S.F.S.
- 1936-1937: Director, Deception Creek Experimental Forest, U.S.F.S.
- 1937-1938: Educational leave, Yale School of Forestry, Yale University.
- 1938-1942: Silviculturist and Acting Director, Division of Silviculture, Northern Rocky Mountain Station, U.S.F.S., Missoula Montana.
- 1942-1946: Lieutenant, U.S. Navy (Aerology Officer, U.S.S. Boxer)
- 1946-1949: Silviculturist and Director, Division of Silviculture, Northern Rocky Mountain Station, U.S.F.S., Missoula Montana.
- 1949 - 1958: Research Leader, Inland Empire Research Center, U.S.F.S., Spokane, Washington.
- 1958-1964: Division Chief, Forest Management Research, Intermountain Forest and Range Experiment Station, U.S.F.S., Ogden, Utah.

*Compiled by Jon Wellner with assistance from Angela Evenden

- 1964-1973: Assistant Director, Intermountain Forest and Range Experiment Station, U.S.F.S., Ogden, Utah.
- 1973-1991: Volunteer, Intermountain Forest and Range Experiment Station, U.S.F.S., and Chairman, Idaho Research Natural Areas Committee

Honors and Awards:

Superior Service Award, Department of Agriculture, 1962
 Superior Service Award, Department of Agriculture, 1972
 Forester of the Year, Inland Empire Section Society of American Foresters 1979
 Honor Alumnus Award, University of Idaho, College of Forest Resources, 1982
 Oak Leaf Award, Nature Conservancy, 1982
 Fellow, Society of American Foresters, 1985.
 Distinguished Service Award, USFS Intermountain Station, 1987
 Honorary Doctorate, University of Idaho, 1989.
 Chevron Conservation Award, 1989 Take Pride in Idaho Achievement Award, Idaho Centennial Commission, 1989
 George B. Fell Award, Natural Areas Association, 1991

Theses:

- Wellner, C. A. (1933). The rate of absorption and evaporation of moisture by surface charred and uncharred wood of various species. *B. S. Thesis*, School of Forestry, University of Idaho.
- Wellner, C. A. (1938). The relationship of stand density to light intensity beneath the canopy in stands of Western White Pine and associated species. *M. S. Thesis*, School of Forestry, Yale University.

Publications:

1. Wellner, C. A. (1939). Present Status of Blister Rust Control in the United States. *Northern Region News*, May 21, 11 - 12.
2. Fahnestock, G. R. and Wellner, C. A. (1940). Early effects of thinning pure ponderosa pine in western Montana. NRMFRES Research Note No. 3.
3. Wellner, C. A. (1940). Effects of cleaning in a reproduction stand of Western White Pine and Associates. NRMFRES Research Note No. 4.
4. Wellner, C. A. (1940). Native trees of Montana and northern Idaho. Mimeo. 43 pages, Illus.
5. Wellner, C. A. (1940). Relationships between three measures of stocking in natural reproduction of the Western White Pine type. *Journal of Forestry* **38**, 636 - 638.

6. Wellner, C. A. (1940). Ken Davis Transferred to Washington, D. C. *Northern Region News*, May 21, 8 - 9.
7. Wellner, C. A. (1940). Review of "Rocky Mountain Trees" by R. J. Preston". *Northern Region News*, June 6, 6.
8. Wellner, C. A. (1940). Beaver Makes Blitzkrieg on the Deception Creek Experimental Forest. *Northern Region News*, June 21, 5 - 6.
9. Wellner, C. A. and Hansen, Ralph (1941). Volume distribution in ponderosa pine trees. NRMFRES Research Note No. 17.
10. Wellner, C. A. (1941). Blister rust control in relation to white pine silviculture. *Idaho Forester* **23**, 13 - 15.
11. Wellner, C. A. (1946). Estimating light intensity in residual stands in advance of cutting. NRMFRES Research Note No. 47.
12. Wellner, C. A. (1946). Improving composition in young western white pine stands. NRMFRES Research Note No. 43.
13. Wellner, C. A. (1946). Recent trends in silvicultural practice on National Forests in the Western White Pine type. *Journal of Forestry* **44**, 942 - 944.
14. Wellner, C. A. (1947). Forest protection in the silviculture of western white pine forests. *Northwest Science* **21**, 109 - 112.
15. Wellner, C. A. (1947). Pole Blight ... A new disease of western white pine. Northern Rocky Mountain and Range Experiment Station, Station Paper No. 8.
16. Wellner, C. A. (1947). Marking instructions for the white pine type in the Northern Rocky Mountain Region. *Unpublished Report*, Northern Rocky Mountain Forest and Range Experiment Station, U.S. Department of Agriculture, Forest Service, Missoula, Montana. 14 pages.
17. Wellner, C. A. and Roe, A. L. (1947). Management practices for Christmas tree production. Northern Rocky Mountain and Range Experiment Station, Station Paper No. 9. 21 pages.
18. Wellner, C. A. (1948). Light intensity related to stand density in mature stands of the western white pine type. *Journal of Forestry* **46**, 16 - 19.
19. Wellner, C. A. (1948). New disease threatens western white pine stands. *Journal of Forestry* **46**, 294-295.
20. LeBarron, R. K. and Wellner, C. A. (1948). Plants and environment: a textbook of plant autecology. *Journal of Forestry* **46**, no. 9, 700 - 701.

21. Wellner, C. A. (1949). Sale Area Betterment and Stand Improvement Handbook. *Unpublished Report*, Northern Rocky Mountain Forest and Range Experiment Station, U.S. Department of Agriculture, Forest Service, Missoula, Montana. Edited by George Stoltz to include Comments from James C. Evenden, Virgil Moss, Russell K. LeBarron, Hans C. Roffler, Chalmer K. Lyman, S. H. Larson, Rolland Huff, G. M. DeJarnette. 52 pages.
22. Wellner, C.A., Watt, R. F., and Helmers, A.E. (1951). *What to See and Where to Find it on the Priest River Experimental Forest*. Northern Rocky Mountain Forest and Range Experiment Station Miscellaneous Publication No. 3.
23. Wellner, C. A. and Foiles, M. W. (1951). *What to See and Where to Find it on the Deception Creek Experimental Forest*. Northern Rocky Mountain Forest and Range Experiment Station Miscellaneous Publication No. 2.
24. Wellner, C. A. (1951). Conservation influences of forest management. In *Idaho Conservation Source Book*, University of Idaho, Moscow, Idaho, p. 93 - 98.
25. Wellner, C. A. (1952). A vigor classification for mature western white pine trees in the Inland Empire. NRMFRES Research Note No.110, 3 p.
26. Moss, V. and Wellner, C. A. (1953). Aiding Blister Rust Control by Silvicultural Measures in the Western White Pine Type. *Circular*, No. **919**, United States Department of Agriculture, Washington, D.C.
27. Frykman, J. L., Rozynek, W. S., Wellner, C. A., and Wikstrom, J. (1958). Guide map to points of interest to foresters in the Rocky Mountain area. *Journal of Forestry* **56**, no. 9, 7 pages.
28. Wellner, C. A. (1959). What research do we most need and how can we get it? In *Western Forestry and conservation Association Proceedings, 1959*, 45 - 49.
29. Wellner, C. A. and Boyd, R. J., Jr. (1959). Partial cuttings in mature stands of the western white pine type. In *Proceedings of the Society of American Foresters, 1959*, p. 27 - 32.
30. Wellner, C. A. (1960). Devices to measure spiral grain and twisting in poles. *Journal of Forestry* **58**, 117 - 118.
31. Wikstrom, J. and Wellner, C. A. (1961). The opportunity to thin and prune in the Northern Rocky Mountain and Intermountain Regions. *Intermountain Forest and Range Experiment Station Research Paper* **61**, 14 pages.

32. Zahniser, H., Marshall, G., Smith, A. F., and Wellner, C. A. (1961). *Presenting a twenty-five year index, the living wilderness*. Wilderness Society, Washington, D. C. 52 pages.
33. Wellner, C. A. (1962). Silvics of Western White Pine. *Miscellaneous Publication 26*, USDA, Forest Service, 24 pages.
34. Wellner, C. A. (1962). The conditions under which site preparation is required and the methods now available. In *Proceedings of Annual Meeting of Western Reforestation Coordinating Committee, Western Forestry and Conservation Association, Seattle*.
35. Wellner, C. A. (1965). The impact of Multiple Use on Silviculture in the Northern Rocky Mountain and Intermountain Regions. In *Proceedings, Society of American Foresters Meeting, September 27 - October 1, 1964, Denver, Colorado*, pages 20 - 22. Society of American Foresters, Washington, D. C.
36. Wellner, C. A. (1965). Silvics of Western White Pine. In *Silvics of Forest Trees of the United States*. Agriculture Handbook 271, Washington DC. USDA, Forest Service, 477 - 478.
37. Wellner, C. A. (1965). The history and role of fire in Inland Empire forests. U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 10 pages. (Paper presented at meeting of Inland Empire Reforestation Council, Lubrecht Experimental Forest of the University of Montana, September 9, 1965.
38. Wellner, C. A. (1967). A silviculturist looks at the future of forest disease control. In *Proceedings of the Fifteenth Western International Forest Disease Work Conference*, 44 - 48.
39. Wellner, C. A. and Lowery, D. P. (1967). Spiral Grain – a Cause of Pole Twisting. *Intermountain Forest and Range Experiment Station Research Station Research Paper INT-38*, 17 pages.
40. Ketcham, D. E., Wellner, C. A., and Evans, Samuel S., Jr. (1968). Western White Pine management programs realigned on northern Rocky Mountain National Forests. *Journal of Forestry* **66**, 329 - 332.
41. Wellner, C. A. (1969). Progress in the Development and Maintenance of Representative Natural Coniferous Forest Ecosystems in the Northern Rocky Mountains. In *Coniferous Forests of the Northern Rocky Mountains: Proceedings of the 1968 Symposium*, 131 - 150.
42. Wenger, K. F., Berntsen, C. M., Hayes, G. L., Lynch, D. W., Tackle, D., Wellner, C. A. (1969). Research in western silviculture: a review

- of program direction and emphasis. U. S. Dept. of Agriculture, Forest Service, Washington, D.C. 45 pages.
43. Wellner, C. A. (1970). Fire history in the Northern Rocky Mountains. In *Proceedings of the Intermountain Fire Research Council Proceedings*, 42 - 64.
 44. Wellner, C. A. (1970). Regeneration problems of Ponderosa Pine in the Northern Rocky Mountains. In *Regeneration of Ponderosa Pine*, Proceedings of a Symposium held September 11 - 12, 1969. School of Forestry, Oregon State University, Corvallis, Oregon.
 45. Worf, W. A., Cron, R. H., Trotter, S. C., Copeland, O. L., Hutchison, S. B., and Wellner, C. A. (1970). *Management Practices on the Bitterroot National Forest. A Task Force Analysis, May 1969 - April 1970*. U.S. Forest Service. 100 pages.
 46. Wellner, C. A. (1971). The scientific basis for silvicultural practices in forests of the Northern Rocky Mountains. *Hearing Before the Subcommittee on Public Lands of the Senate, Ninety-Second Congress, First Session on Management Practices on the Public Lands, May 7 and June 29, Part 3*. U.S. Government Printing Office, Washington, DC, p. 929 - 930.
 47. Wellner, C. A. (1972). Wildlife and wildlife habitat in ecosystem research. In *Proceedings of the Forty-second annual conference of the Western Association of State Game Commissioners*. Portland, Oregon, p. 452 - 465.
 48. Wellner, C. A. and Ryker, R. A. (1973). Northern Rocky Mountain Types: Ponderosa Pine and Rocky Mountain Douglas-Fir. In *Silvicultural Systems for the Major Forest Types of the United States*, Forest Service, USDA Agriculture Handbook No. 445, 35 -37.
 49. Wellner, C. A. (1973). Northern Rocky Mountain Types: Western White Pine and Associated Species. In *Silvicultural Systems for the Major Forest Types of the United States*, Forest Service, USDA Agriculture Handbook No. 445, 38 - 40.
 50. Schmidt, W., Wellner, C. A., and Alexander, R. R. (1973). Northern Rocky Mountain Types: Engelmann Spruce-Subalpine Fir. In *Silvicultural Systems for the Major Forest Types of the United States*, Forest Service, USDA Agriculture Handbook No. 445, 40 - 41.
 51. Wellner, C. A. and Johnson, F. D. (1974). Research natural area needs in Idaho, a first estimate. *Special Report*, College of Forestry, Wildlife, and Range Sciences, University of Idaho. 179 pages.

52. Wellner, C. A. (1976). *Frontiers of Forestry Research – Priest River Experimental Forest 1911 - 1976*. Intermountain Forest and Range Experiment Station, U.S. Department of Agriculture, Forest Service, Ogden, Utah. 148 pages. Review by V. L. Harper in *Journal of Forest History*, July 1977, 168 - 169.
53. Wellner, C. A. (1977). The Reforestation Situation. In *Tree Planting in the Inland Northwest*, 1 - 9. Proceedings of a Conference held in February 1976 at Washington State University. Washington State University Cooperative Extension Service, D. M. Baumgartner and Raymond Boyd, editors.
54. Wellner, C. A. (1978). Symposium Summary. In *Proceedings of the Forest Protection Symposium*, a Symposium held at the University of Idaho, Moscow, Idaho, March 15 - 16, 1977, 81 - 83.
55. Wellner, C. A. (1978). Section 1.1. Introduction. *The Douglas-Fir Tussock Moth: A Synthesis*, Forest Service Science and Education Agency – Technical Bulletin 1585. p. 7 - 21.
56. Wellner, C. A. (1978). Section 9.2. Effects of Past Events. *The Douglas-Fir Tussock Moth: A Synthesis*, Forest Service Science and Education Agency – Technical Bulletin 1585. p. 185 - 188.
57. Wellner, C. A. (1978). Management problems resulting from Mountain Pine Beetles in Lodgepole Pine Forests. In *Theory and Practice of Mountain Pine Beetle Management in Lodgepole Pine Forests*, a Symposium held at Washington State University, Pullman, Washington, April 25 - 27, 1978, pages 9 - 15. Edited by Alan A. Berryman, Gene D. Amman, Ronald W. Stark, Forest, Wildlife, and Range Experiment Station, University of Idaho, Moscow, Idaho.
58. Wellner, C. A. (1979). Estimating light intensity beneath coniferous forest canopies: simple field method. USDA Forest Service, Intermountain Forest and Range Experiment Station Research Note INT-250, 3 pp.
59. Schubert, G. H., Wellner, C. A., Hudson, R. H., and Barrett, J. W. (1981). Interior ponderosa pine Silviculture. In *Choices-Silvic-Am-For.*, pages 54 - 63. Society of American Foresters, Washington, D.C.
60. Wellner, C. A. (1982). Notes from Natural Area Programs: Idaho – Idaho Natural Areas Coordinating Committee. *Natural Areas Journal* 2, 20 - 21.
61. Wellner, C. A. (1982). The importance of site preparation and fuels management. In *Site Preparation and Fuels Management on Steep Terrain*, Proceedings of a Symposium held February 15, 16, and 17, 1982, Spokane,

- Washington, p. 1 - 3. Washington State University Cooperative Extension, Pullman, Washington.
62. Graham, R. T., Wellner, C. A., and Ward, R. (1983). Mixed conifers, western white pine, and western redcedar. In *Silvicultural systems for the major forest types of the United States*, pages 67 - 69. U.S. Dept. of Agriculture, Washington, D. C.
 63. Wellner, C. A. (1983). Research Natural Areas in Idaho. (1983). *Desert Notes* **Volume II, No. 3**, p. 1 and 4.
 64. Wellner, C. A. (1984). Comments on the role of fire in research natural areas. In *Proceedings of the Wilderness Fire Symposium*, held November 15 - 18, 1983, Missoula, Montana. J. E. Lotan, B. M. Kilgore, W. C. Fischer, and R. Mutch, eds. INT-182, 41 - 42. Intermountain Forest and Range Experiment Station, Ogden, UT.
 65. Wellner, C. A. (1984). History and status of silvicultural management in the interior Douglas-fir and grand fir forest types. In *Silvicultural management strategies for pests of the interior Douglas-fir and Grand Fir Forest types*, Proceedings of a Symposium held February 14 - 16, 1984, Spokane, WA, pages 3 - 10. Compiled and edited by D. M. Baumgartner and Russ Mitchell. Cooperative Extension, Washington State University, Pullman, WA.
 66. Greene, S. E., Frenkel, R. E., and Wellner, C. A. (1985). Pacific Northwest Natural Area Program: a successful partnership. *Natural Areas Journal* **5**, no. 4, pages 14 - 23.
 67. Wellner, C. A. (1986). Salmo Research Natural Area. Supplement 19. Portland, Oregon. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 15 pages. Supplement to: Federal Research Natural Research Areas in Oregon and Washington: a guidebook for scientists and educators.
 68. Wellner, C. A. (1986). Why Natural Areas? In *Montana Natural Areas*, Conference Proceedings, October 14 - 16, 1986, Billings, Montana, The Nature Conservancy, Helena, Montana. p. 39 - 41.
 69. Wellner, C. A. (1989). Classification of Habitat Types in the Western United States. In *Land Classifications Based on Vegetation: Applications for Resource Management*, Proceedings of a Symposium held at Moscow, Idaho, November 17 - 19, 1987. INT-257, p. 7 - 21.
 70. Wellner, C. A. (1990). Controversy in Aquarius: the need for advocates. *Natural Areas Report* **2**, p. 1 and 4.

71. Titone, J. and Wellner, C. A. (1991). Forester works to establish research areas. *High Country News* **23**, no. 15, 4 pages.
72. Evenden, Angela G., Moeur, Melinda, Shelly, J. Stephen, Kimball, Shannon F., and Wellner, Charles A. (2001). Research Natural Areas on National Forest system Lands in Idaho, Montana, Nevada, Utah, and Western Wyoming: A Guidebook for Scientists, Managers, and Educators. USDA Forest Service, Rocky Mountain Research Station, General Technical Report RMRS-GTR-69.

Research Natural Area Establishment Reports and Publications:

1. Wellner, C. A. 1937. Recommendation and Forester's Order for establishing the Canyon Creek Natural Area. USDA Forest Service, Northern Rocky Mountain Forest and Range Experiment Station. Draft.
2. Wellner, C. A. 1976. Letter to the assistant director of Intermountain Forest and Range Experiment Station discussing possible RNA's on the Caribou, Targhee and Salmon National Forests.
3. Savage, N. L. and C. A. Wellner. 1979. Establishment Record for Pony Meadows Research Natural Area within Payette National Forest, Valley and Idaho Counties, Idaho.
4. Savage, N. L., and C. A. Wellner. 1980. Establishment report for Soldier Lakes Research Natural Area within Challis National Forest, Custer County, Idaho.
5. Wellner, C. A. 1980. Establishment report for Bottle Lake Research Natural Area within Kaniksu National Forest, Bonner County, Idaho. U.S. Department of Agriculture, Forest Service. 20 pp.
6. Wellner, C. A. 1980. Memo dated 20 February to the Chairmen, Technical Committees, INACC, regarding RNA needs on the Clearwater National Forest.
7. Wellner, C. A., and N. L. Savage. 1980. Establishment report for Moose Meadow Creek Research Natural Area, Nez Perce National Forest, Idaho County, Idaho. USDA Forest Service. 22 pp.
8. Wellner, C. A. 1980. Letter dated 30 June to District Manager, Boise District BLM, identifying six areas to be considered for RNA designation: Mud Flat Oolite, Little Jacks Creek, Pleasant Valley Table, Squaw Creek, Presby Creek, and Rock Creek.
9. Savage, N. L., and C. A. Wellner. 1980. Establishment report for the Kaniksu Marsh Research Natural Area within the Kaniksu National Forest, Bonner County, Idaho. 18 pp.

10. Wellner, C. A., and N. L. Savage. 1980. Establishment record for Potholes Research Natural Area within Kaniksu National Forest, Bonner County, Idaho. 16 pp. plus figures.
11. Wellner, C. A. 1980. Report of work and recommendations by members of the Idaho Natural Areas Coordinating Committee concerning potential research natural areas for inclusion in the Targhee National Forest Plan.
12. Wellner, C. A. 1980. Memorandum of December 29 giving recommendations of the Idaho Natural Areas Coordinating Committee to the Forest Supervisor, Nez Perce National Forest, for Research Natural Areas on the Nez Perce National Forest. 11 p.
13. Savage, N. L., and C. A. Wellner. 1980. Establishment record for Binarch Creek Research Natural Area within Kaniksu National Forest, Bonner County, Idaho. USDA Forest Service. 23 pp. plus appendices.
14. Wellner, C. A. 1981. Recommended research natural areas within the Idaho Panhandle National Forests and adjacent areas. Idaho Natural Areas Coordinating Committee. 17 pp.
15. Wellner, C. A. 1981. Letter dated 20 October to Dr. Thad Harrington, Assistant Director, Intermountain Research Station, Missoula, regarding 3 areas suggested for establishment as research natural areas on the Clearwater National Forest.
16. Wellner, C., and J. Bal. 1982. Establishment report for Gibson Jack Creek Research Natural Area, Caribou National Forest.
17. Wellner, C. A. 1982. Recommended research natural areas, Sawtooth National Forest. Unpublished report prepared for the U.S. Department of Agriculture, Forest Service, Sawtooth National Forest. 11 pp.
18. Wellner, C. 1982. Natural Landmark Brief. Evaluation of Mary Minerva McCroskey Memorial State Park, Idaho, as potential National Natural Landmark. Idaho Natural Areas Coordinating Committee. 29 pp.
19. Wellner, C. A. 1982. Proposed Little Granite Creek Research Natural Area within Hells Canyon National Recreation Area, Nez Perce National Forest, Idaho County, Idaho. Unpublished report. 3 pp.
20. Wellner, C. A. 1982. Recommended research natural areas, Challis National Forest. Unpublished report prepared for the U.S. Department of Agriculture, Forest Service, Challis National Forest, Challis, Idaho.
21. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Thousand Springs, Salmon District, Bureau of Land Management. 9 pp.

22. Caicco, S.L. and C.A. Wellner. 1983i. Research Natural Area recommendation for Substation Tract. Unpublished report prepared for USDI, Bureau of Land Management, Shoshone District, Idaho by Idaho Natural Areas Coordinating Committee. 11 pp.
23. Caicco, S.L. and C.A. Wellner. 1983h. Research Natural Area recommendation for Brass Cap Kipuka. Unpublished report prepared for USDI, Bureau of Land Management, Shoshone District, Idaho by Idaho Natural Areas Coordinating Committee. 15 pp.
24. Caicco, L.L. and C.A. Wellner. 1983d. Research Natural Area recommendation for Robbers Roost Creek. Unpublished report prepared for USDI, Bureau of Land Management, Burley District, Idaho by Idaho Natural Areas Coordinating Committee. 14 pp.
25. Caicco, S.L. and C.A. Wellner. 1983a. Research Natural Area recommendation for City of Rocks. Unpublished report prepared for USDI, Bureau of Land Management, Burley District, Idaho by Idaho Natural Areas Coordinating Committee. On file at Idaho Conservation Data Center, Boise, Idaho. 12 pp.
26. Caicco, S.L. and C.A. Wellner. 1983k. Research Natural Area recommendation for East Fork Salmon River Bench. Unpublished report prepared for USDI, Bureau of Land Management, Salmon District, Idaho by Idaho Natural Areas Coordinating Committee. 14 pp.
27. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for City of Rocks, BLM, Burley District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 12 pp.
28. Caicco, S. L. and C. A. Wellner. 1983. Research Natural Area recommendation for Malm Gulch, Bureau of Land Management. Salmon District, Idaho. Natural Areas Coordinating Committee mimeo report.
29. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Cronks Canyon, Salmon District, Bureau of Land Management. 11 pp.
30. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for East Fork Salmon River Bench, BLM, Salmon District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 14 pp.
31. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Salyer Spring, BLM, Burley District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 12 pp.

32. Caicco, S.L. and C.A. Wellner. 1983l. Research Natural Area recommendation for Antelope Flat. Unpublished report prepared for USDI, Bureau of Land Management, Salmon District, Idaho by Idaho Natural Areas Coordinating Committee. 12 pp.
33. Caicco, S.L. and C.A. Wellner. 1983g. Research Natural Area recommendation for Middle Canyon Alluvial Fan. Unpublished report prepared for USDI, Bureau of Land Management, Idaho Falls District, Idaho by Idaho Natural Areas Coordinating Committee.
34. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Robbers Roost Creek, BLM, Burley District ID. Idaho Natural Areas Coordinating Committee mimeo report 14 pp
35. Caicco, S.L. and C.A. Wellner. 1983c. Research Natural Area recommendation for Southwest Lemhi Range. Unpublished report prepared for USDI, Bureau of Land Management, Burley District, Idaho by Idaho Natural Areas Coordinating Committee. On file at Idaho Conservation Data Center, Boise, Idaho.
36. Caicco, S.L. and C.A. Wellner. 1983n. Research Natural Area recommendation for Little Jacks Creek. Unpublished report prepared for USDI, Bureau of Land Management, Boise District, Idaho by Idaho Natural Areas Coordinating Committee. 14pp
37. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Dry Creek, BLM, Shoshone District, ID. Idaho Natural Areas Coordinating Committee mimeo report. 16 pp
38. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Pot of Gold Cave, BLM, Shoshone District, ID. Idaho Natural Areas Coordinating Committee mimeo report 7 pp
39. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Triplet Butte, BLM Boise District, ID. Idaho Natural Areas Coordinating Committee mimeo report. 15 pp
40. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Big Juniper Kipuka, BLM, Shoshone District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 15 pp.
41. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Brass Cap Kipuka, BLM, Shoshone District, ID. Idaho Natural Areas Coordinating Committee mimeo report 15 pp
42. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Menan Buttes, BLM, Idaho Falls District, ID. Natural Areas Coordinating Committee mimeo report, 10 pp.

43. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Sugar Valley Badlands, BLM Boise District ID. Idaho Natural Areas Coordinating Committee mimeo rept. 12 pp
44. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Knoll Kipuka, BLM, Idaho Falls District, ID. Idaho Natural Areas Coordinating Committee mimeo rept., 12 pp.
45. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Cottonwood Creek, BLM, Boise District, ID. Idaho Natural Areas Coordinating Committee mimeo report. 11 pp.
46. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Vinyard Creek, BLM, Shoshone District, ID Idaho Natural Areas Coordinating Committee mimeo report, 14 pp.
47. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Antelope Flat, BLM, Salmon District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 12 pp.
48. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Big Southern Butte, Bureau of Land Management, Idaho Falls District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 12 pp.
49. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Camas Creek, BLM, Shoshone District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 14 pp.
50. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Pecks Canyon, BLM, Salmon District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 14 pp.
51. Caicco, S. L., and C. A. Wellner. 1983. Research Natural Area recommendation for Lake Creek, BLM, Salmon District, ID. Idaho Natural Areas Coordinating Committee mimeo report, 13 pp.
52. Caicco, S.L. and C.A. Wellner. 1983e. Research Natural Area recommendation for St. Anthony Sand Dunes. Unpublished report prepared for USDI, Bureau of Land Management, Idaho Falls District, Idaho by Idaho Natural Areas Coordinating Committee. 10 pp.
53. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Goose Creek Mesa, BLM, Burley District, ID. Idaho Natural Areas Coordinating Committee mimeo report 9 pp.

54. Caicco, S.L. and C.A. Wellner. 1983. Research Natural Area recommendation for Jim Sage Canyon, BLM, Burley District, ID Idaho Natural Areas Coordinating Committee mimeo report, ? pp.
55. Wellner, C. A. 1984. Idaho Natural Areas Coordinating Committee Recommendations for Research Natural Areas on the Boise District, Bureau of Land Management. (5 mimeo reports).
56. Wellner, C. A. 1984. Idaho Natural Areas Coordinating Committee recommendations for research natural areas on the Idaho Falls District, Bureau of Land Management. Six mimeo reports.
57. Wellner, Charles. 1984. Establishment Record for Bruin Mountain Research Natural Area within Payette National Forest, Idaho County, Idaho.
58. Wellner, C. A. 1984. Idaho Natural Areas Coordinating Committee recommendations for research natural areas on the Burley District, Bureau of Land Management. Five mimeo reports.
59. Wellner, C. A. 1984. Idaho Natural Areas Coordinating Committee. Recommendations for research natural areas on the Shoshone District, Bureau of Land Management. Eight Mimeo reports.
60. Wellner, C. A. 1984. Establishment record, Canyon Creek Research Natural Area, Kaniksu National Forest, Bonner County, Idaho. 23 pp.
61. Wellner, C. A, and R. K. Moseley. 1985. Letter to Wallace Evans, Area Manager, Pocatello Resource Area, Bureau of Land Management, Pocatello, Idaho, recommending 7 research natural areas for Pocatello Resource Area Plan. 5 pp. plus maps.
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